



## Monitor indoor air quality in public spaces with potentially high levels of CO<sub>2</sub> (carbon dioxide)

Poor air quality may cause tiredness, inability to concentrate, and even illness (i.e., Sick Building Syndrome). This instrument is ideal for monitoring indoor air quality in crowded public spaces with potentially high levels of CO<sub>2</sub> (carbon dioxide) such as offices, factories, classrooms, hospitals and hotels. The same measurement parameters can also be used to test air from HVAC equipment. Backlit simultaneous display of CO<sub>2</sub> level, humidity and air temperature, or the user may choose a rotating display of dew point and wet bulb temperature instead of air temperature. Also, calculates TWA (Time Weighted Average) and STEL (Short-Term Exposure Limit). Simple user calibration of CO<sub>2</sub> and RH. Features audible CO<sub>2</sub> threshold alarms, min/max/ave, hold and a computer interface. NDIR (non-dispersive infrared) technology ensures long-term accuracy, stability and reliability. Comes in a hard carrying case with 4 AA batteries. Uses optional AC Adapter (840027).

DIM: 8½" × 2¾" × 2¼" (216 × 70 × 57 mm). WEIGHT: 9.6 oz (272 g).

No.	Description
<b>800046</b>	<b>Indoor Air Quality Meter</b>
840027	AC Adapter
840052	Data Acquisition Software
840054	USB Cable
840090	Water Resistant Instrument Pouch

	Range	Resolution	Accuracy
Air Temperature	14 to 140°F -10 to 60°C	0.1	0.9°F 0.6°C
RH	0 to 100%		±3% (10 to 90%) ±5% (otherwise)
Dew Point	8 to 140°F -13.3 to 60°C		
Wet Bulb °F	-100 to 140°F -73.4 to 60°C		
CO <sub>2</sub>	0 to 5000 ppm	1 ppm	±30 ppm + ±5% rdg

SPER  
SCIENTIFIC



# Indoor Air Quality Meter



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